P21989.A06

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

: Akihiko MARUYAMA et al.

Group Art Unit: Not Yet Known

Appl. No.

: 10/049626

(National Stage of PCT/JP00/05711)

Examiner: Not Yet Known

Filed

: February 22, 2002

(International Filing Date August 24, 2000)

For

: METHOD OF DETECTING AND QUANTITATING MICROORGANISM

HAVING SPECIFIC FUNCTION AND ITS GENE FROM NATURAL ENVIRONMENT, NOVEL 16sRrNA GENE DATA AND PROBES

RESPONSE TO NOTICE OF DEFECTIVE RESPONSE DATED AUGUST 6, 2002 AND STATEMENT THAT THE CONTENT OF THE PAPER AND COMPUTER READABLE COPIES ARE THE SAME

Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

In response to the Notice of Defective Response (copy enclosed), mailed August 6, 2002, Applicants submit herewith computer readable and paper copies of the sequences disclosed in the specification. Inasmuch as the one-month period for response is set in the Notice to expire on September 6, 2002, this response is being filed in a timely manner. The Commissioner is hereby authorized to charge any necessary fees, such as any necessary extension of time fees, to Deposit Account No. 19-0089 to maintain the pendency of the application.

In accordance with 37 C.F.R. 1.821(f), the undersigned hereby states that the information recorded in the computer readable form is identical to the written sequence listing.

P21989.A06

August 13, 2002

Reston, VA 20191 (703) 716-1191

1941 Roland Clarke Place

Applicant hereby states that the submission, filed in accordance with 37 C.F.R. 1.821(h), herein does not include new matter.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,

Akihiko MARUYAMA et al.

Neg No 45,905

Bruce H. Bernstein

Reg. No. 29,027

GREENBLUM & BERNSTEIN, P.L.C.